SANDEEP SINGH
Senior Software Developer

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Performance-driven software professional, aspiring for challenging assignments as a **Senior Full Stack Developer**, with opportunities to lead **front-end and back-end initiatives**, **architect scalable solutions**, and contribute to innovative, **high-impact applications** across diverse domains.

Core Competencies

- Full Stack Web Development
- Microservice Architecture
- Scalable System Design
- Mobile Application Development
- CI/CD Pipeline Automation
- Performance Optimization
- Agile Software Development

Technical Skills

- **Programming Languages:** JavaScript, TypeScript, C++, SQL
- **Front-end Technologies:** React.js, React Native, Next.js, Electron.js, HTML5, CSS3, Redux, Context
- **API Back-end Technologies:** Node.js, NestJS, Express.js, RESTful APIs, GraphQL
- **Message Queues & Streaming:** Apache Kafka, Redis Pub/Sub
- **Databases:** PostgreSQL, MongoDB, Redis
- **Cloud & DevOps:** AWS (EC2, S3, Lambda), Docker, CI/CD
- **Message Streaming**: Apache Kafka, Event Sourcing, CQRS Pattern API Development: REST APIs, GraphQL, Real-time Subscriptions
- **System Design:** Microservices Architecture, Database Design, Caching Strategies, Scalable Architecture, Load Balancing, Database Sharding, Event-Driven Architecture
- **Other Tools:** Git, Postman, Swagger, Sendbird, Payment Gateways (Datatrans)

Education

- **Bachelor of Technology in Computer Science**, Uttaranchal University, May 2020, CGPA: 8.4/10
- 12th Grade (CBSE), K.V. IMA, Premnagar, Dehradun, May 2016, 76%

Profile Summary

- Experienced **Full Stack Developer** with **over 5 years** of expertise in building scalable web and mobile applications across Fintech, Real estate, and Community platforms.
- Proficient in **React.js, React Native, Node.js, NestJS**, **Microservices**, with strong back-end and front-end integration capabilities.
- Led efforts in managing the complete **SDLC** from feature planning to production deployment, reducing release cycles by **30%** at First Livingspaces Pvt. Ltd.
- Guided & supported **junior developers** in adopting best practices for React Native, Node.js, & GraphQ.
- Played a key role in implementing **real-time chat systems** using Sendbird SDK and integrating payment gateways, improving user engagement by **25%.**
- Supervised development teams of **3–5 members** across various projects.

Work Experience

Senior Software Developer at First Livingspaces Pvt. Ltd., TCG, February 2024 – Present, Remote
Key Result Areas
- Leading full-stack development of two cross-platform mobile applications (Ziki and Sirrus.ai) using React Native and Node.js.
- Architecting and developing a centralized Event Creation Module and Admin Dashboard, achieving 40% code reusability across multiple applications (Ziki, Yukio).
- Spearheading back-end development while contributing to web front-end,implementing scalable microservices architecture with GraphQL APIs
- Leading event-driven architecture using Apache Kafka for real-time data processing and inter-service communication.

Highlight
- Improved code reusability by 40% across multiple applications (Ziki, Yukio) through the design and development of a centralized Event Creation Module and Admin Dashboard.

Full Stack Developer at Jellyfish Technologies Pvt. Ltd., Noida, January 2020 – February 2024
Key Result Areas
- Spearheaded front-end development for 6+ applications (miBenefits, KFM-24x7, Keey, BeIQ, Wagjag, DU) leveraging React.js and React Native.
- Worked closely with back-end teams on API integration and system architecture, while actively supporting Node.js development when required.

Highlights
- Reduced network overhead by 35% by building GraphQL APIs for efficient data retrieval.
- Successfully managed multiple concurrent initiatives while ensuring on-time delivery of high-quality projects and maintaining 100% client satisfaction.

Achievements

- Improved application performance by reducing load times by 50% through optimization & GraphQL integration.
- Maintained 99.9% uptime for production systems by implementing robust error managing & event-driven architecture.
- Deployed automated testing and CI/CD pipelines which resulted in a 40% reduction in bug reports
- Guided & supported junior developers in adopting best practices for React Native, Node.js.

Projects

Ziki - Community Management Platform, First Livingspaces Pvt. Ltd., TCG
React Native, Node.js, NestJS, PostgreSQL, MongoDB, Kafka
Highlights
- Designed and built a comprehensive lifestyle app for residential communities with features such as guest management, amenity booking, and community events.
- Applied event-driven architecture using Apache Kafka to manage real-time notifications and ensure smooth data synchronization.
- Utilized Redis for effective caching and queue management, decreased database load and enhanced response times by 40%.
- Enhanced overall app performance and achieved 50% faster load times while supporting over 5,000 daily active users.

Sirrus.ai - AI-Powered Lead Management, First Livingspaces Pvt. Ltd., TCG

React Native, Node.js, NestJS, PostgreSQL, AI Integration

Highlights

- Created a smart lead tracking system for real estate developers featuring machine learning–based lead scoring.
- Designed responsive mobile interfaces and developed RESTful APIs capable of managing over 1,000 concurrent users.
- Employed Redis to cache frequently accessed lead data and manage background job queues.
- Connected third-party CRM platforms and streamlined workflow processes through automation.

Event/Meetups Module - Centralized Event System, First Livingspaces Pvt. Ltd., TCG

Node.js, NestJS, React.js, PostgreSQL, Kafka

Highlights

- Developed a scalable event management system leveraged across multiple applications.
- Created an admin dashboard featuring real-time event updates and participant tracking, utilizing Redis for rapid data access.
- Deployed Apache Kafka to enable event streaming and ensure timely notification delivery across services.
- Attained a 60% decrease in development time for new event features across application.

miBenefits - Benefits Management Portal, Jellyfish Technologies Pvt. Ltd., Noida

React.js, PostgreSQL, GraphQL

Highlights

- Designed a role-based benefits portal tailored for healthcare members, sponsors, and providers.
- Managed the implementation of raphQL APIs to support flexible data queries and enable real-time claims processing.
- Developed a responsive user interface tailored to four distinct user roles, each with customized dashboards.
- Created a responsive user interface accommodating four distinct user roles with customized dashboards.
- Led the integration of message queuing to handle asynchronous claim verification and eligibility checks.